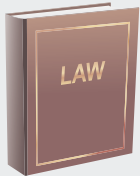


# FirstNet by the Numbers

## VISION

To provide emergency responders with the first high-speed, wireless nationwide public safety broadband network (NPSBN)



## THE LAW 2.22.12

FirstNet becomes Law  
PL 112-96

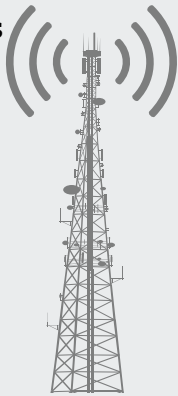
## GOVERNANCE



The FirstNet Board has **15** members, including those with telecommunications and public safety backgrounds.

Each Governor appoints **1** single Point of Contact and governing body to represent the state's interests to FirstNet.

**40** member Public Safety Advisory Committee (PSAC) advises FirstNet on public safety intergovernmental matters.



## FUNDING



**\$7B** authorized to build

the FirstNet Network. Funded by spectrum auctions through 2022.

## BAND CLASS (BC) 14 20MHz

of bandwidth has been dedicated to public safety in the prime upper **700MHz** frequency range.

BC 17		BC 17		BC 17		BC 17		BC 17		BC 17	
BC 12	BC 29	BC 12	BC 13	BC 14	LMR	BC 13	BC 14	LMR	BC 13	BC 14	LMR
COMMERCIAL	COMMERCIAL	COMMERCIAL	COMMERCIAL	PS BROADBAND	PS NARROWBAND	COMMERCIAL	PS BROADBAND	PS NARROWBAND	COMMERCIAL	PS BROADBAND	PS NARROWBAND
UL	UPLINK	DOWNLINK	DL	DOWNLINK	DOWNLINK	DOWNLINK	DOWNLINK	DOWNLINK	UPLINK	UPLINK	UPLINK
6 MHz	12 MHz	12 MHz	6 MHz	12 MHz	11 MHz	10 MHz	6 MHz	11 MHz	10 MHz	6 MHz	6 MHz

↑ 1 MHz Guard Bands

## WHO WILL USE FIRSTNET

**4-13 Million** potential FirstNet public safety users nationwide



FirstNet's goal is to ensure there is service in all **50** US states, **5** territories, and the District of Columbia.



**FirstNet**  
First Responder Network Authority  
For more FirstNet facts visit: [www.firstnet.gov](http://www.firstnet.gov)



In Massachusetts, contact:  
web: [mass.gov/psbo](http://mass.gov/psbo)  
email: [psbo@state.ma.us](mailto:psbo@state.ma.us)

# FirstNet by the Numbers

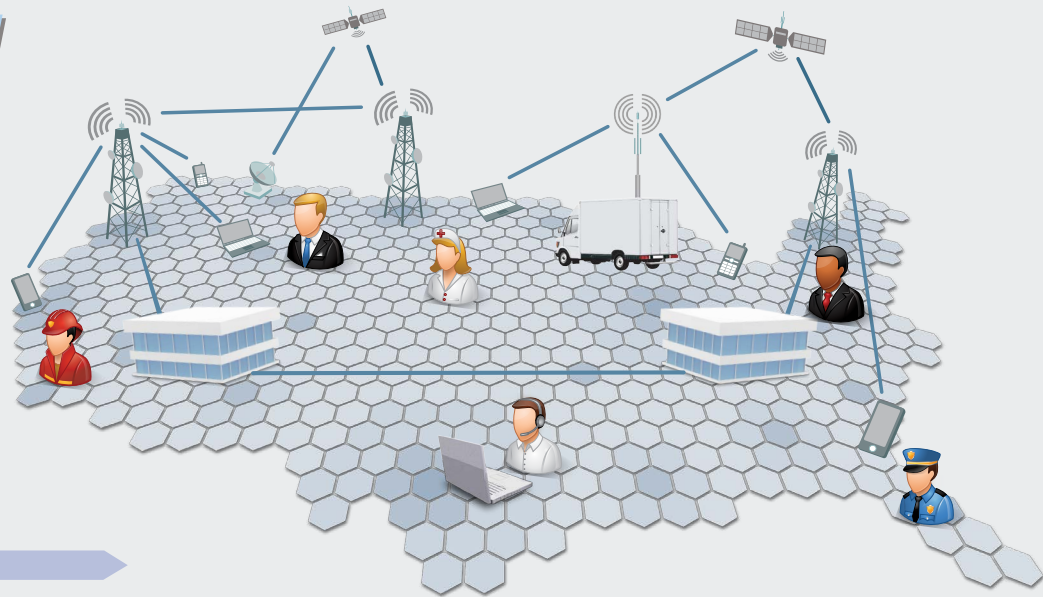
## THE COVERAGE CHALLENGE

Coverage challenge: Providing service to **60,000** public safety agencies, **3,144** counties, and **567** federally recognized tribes in coverage areas including urban and rural



## FIRSTNET NETWORK

To meet this challenge, FirstNet is considering a network architecture using land-based cellular, satellite infrastructure and deployable systems to provide coverage.



**4G LTE** is **10x** faster than 3G wireless service



### 2014-2016

- Strategic Program Roadmap
- Conduct Consultation
- Collect data and design network
- Develop and award comprehensive RFP
- Establish network core

## HOW MUCH WILL IT COST?

To offer services that meet the needs of public safety at a cost that's competitive and compelling to users.

– FirstNet Tenet

**2022**

Network substantially in operation

## THE ROAD TO THE NPSBN

**2016+**

- Governor reviews design offer and opts in or out of FirstNet network deployment
- Integrate Next Generation 9-1-1

SOURCES FOR DATA:

60,000 public safety agencies (dhs.gov) | 3,144 counties (usgs.gov) | 566 federally recognized tribes (bia.gov)



**FirstNet™**

**First Responder Network Authority**

For more FirstNet facts visit: [www.firstnet.gov](http://www.firstnet.gov)



In Massachusetts, contact:

web: [mass.gov/psbo](http://mass.gov/psbo)

email: [psbo@state.ma.us](mailto:psbo@state.ma.us)